Service-Information

Frontlader Waschvollautomat
AWM 8123

8570 812 29100
Letzte Änderung: 07.06.2008
Anlagedatum: 07.06.2008

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Die vorliegenden Serviceunterlagen sind ausschließlich für technisch qualifizierte Fachkräfte bestimmt, welche mit den entsprechenden einschlägigen Sicherheitsvorschriften vertraut sind.
Änderungen vorbehalten

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Ersatzteilliste

Pos-Nr.	12NC	Beschreibung
001 0	**4819 440 19716**	Gehaeuse
002 0	**4812 440 19343**	Klappe Filteroeffnung
011 0	**4819 462 48472**	Fuss
021 0	**4812 440 19818**	Front
024 0	**4812 440 18998**	Rueckwand
025 0	**4812 404 38551**	Traeger Steuerung VBL WH
030 0	**4812 310 18586**	Arbeitsplatte VBL WH
040 0	**4812 417 18787**	Scharnier
050 0	**4812 459 38021**	Sockelblende OMEGA
061 0	**4812 466 88458**	Gegengewicht oben
061 1	**4812 466 88459**	Gegengewicht vorne
061 2	**4819 310 39227**	Montagesatz Gewicht oben
061 3	**4819 310 39228**	Montagesatz Gewicht unten
081 0	**4812 529 18038**	Stossdaempfer bis 1200
084 0	**4812 466 58001**	Silentblock
086 2	**4812 401 18412**	Stopfen Stossdaempfer
110 0	**4812 498 18139**	Handgriff Tuer weiss
130 0	**4812 417 28047**	Platte Tuerschloss
130 1	**4812 417 28048**	Platte Tuerschloß unten
131 0	**4812 417 28046**	Verschluss Tuer
131 1	**4812 417 28045**	Stift Tuerverschluss
131 2	**4812 492 58022**	Feder Tuerverschluss
135 1	**4812 498 18137**	Knopf Tuersicherung
135 2	**4812 491 48004**	Feder Tuersicherung
135 3	**4812 290 68153**	Justier-Element Tuersicherung
140 0	**4812 450 68219**	Schauglas
143 0	**4812 440 19782**	Fensterrahmen VBL WH
144 0	**4812 440 19589**	Rahmen Schaugl. DE-WT
191 0	**4812 460 68527**	Manschette Standard
191 0	**4812 460 68532**	Manschette WH fettbest
191 1	**4812 492 18017**	Schelle
191 2	**4819 530 58059**	Ring
200 1	**4812 418 18283**	Bottich 53l vorn
200 2	**4812 418 18305**	Bottich 53l hinten
200 4	**4812 290 88054**	Klemme fuer Behaelter
220 0	**4812 418 18288**	Trommel 53l, 1200
271 0	**4819 358 18152**	Riemen
272 0	**4812 528 58027**	Riemenscheibe DIAM.298
272 2	**4812 532 18024**	U-Scheibe
272 3	**4812 505 18368**	Mutter M10
292 0	**4812 530 58101**	Dichtung Behaelter
301 0	**4812 453 19896**	Schalterleiste
303 0	**4812 498 78097**	Handgriff
321 0	**4812 453 19895**	Einlage bed. AWM 8123
321 1	**4812 532 98011**	Befestigung f. Einlage
331 0	**4812 412 78631**	Knopf VBL WH elektr.
332 1	**4812 513 18097**	Drucktaste Start VBL WH
332 2	**4812 513 18098**	Drucktaste Drehzahl VBL WH
332 3	**4812 513 18099**	Drucktaste Optionen VBL WH
332 4	**4812 513 18101**	Drucktaste plus VBL WH

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Pos-Nr.	12NC	Beschreibung
332 5	**4812 513 18102**	Drucktaste minus VBL WH
400 0	**4812 361 58172**	Motor 1200 MCA 61
409 0	**4812 362 48004**	Kohlebuerste Motor CES
421 0	**4812 121 18142**	Entstoerfilter 1,00 μF
430 0	**4812 310 18458**	Pumpe SERVICE SET
451 0	**4812 259 28759**	Heizelement 2050W + NTC
490 0	**4819 321 18136**	Netzkabel 2m SA
491 0	**4812 321 28367**	Zugentlastung
500 0	**4812 282 18752**	Timer SC1 (EI,EC,PW,IR,RH)
571 0	**4812 271 28375**	Magnetventil einfach
581 0	**4812 276 18327**	Niveauschalter 55/35
620 0	**4812 239 58002**	Modul "A"C/DS
630 0	**4812 280 58026**	Tuerverriegel. 3 TABS
691 0	**4812 282 18702**	Sensor NTC (SC1,OMEGA,ACCESS)
701 0	**4819 530 28848**	Zulaufschlauch
701 1	**4819 466 69704**	Dichtung und Filter
702 0	**4819 530 29019**	Schlauch intern
707 0	**4812 526 48031**	Duese schwenk
707 1	**4812 526 48028**	Duese Einspuelung
708 1	**4812 530 48143**	Kruemmer Zulauf
711 0	**4812 418 88055**	Waschmittelk. 4 K. 53 l
712 0	**4812 418 79703**	Schublade 4 VBL ASS
713 0	**4812 418 88028**	Klappe Einspuelb. 4x
717 0	**4812 418 78925**	Bowdenzug
717 1	**4812 321 38013**	Hebel , Duese
717 2	**4812 321 38012**	Justier-Element
717 3	**4812 278 88007**	Gleitstueck
717 4	**4812 492 38359**	Feder , Duese
717 5	**4812 282 18806**	Nocken 4 K. SC1/VBL/WH
718 0	**4812 526 48051**	Saugheber
718 1	**4812 418 88024**	Zubehoer Fluessigwasch. 4 K.
753 1	**4819 418 68234**	Luftkammer
754 0	**4812 530 28826**	Ablaufbalg
754 1	**4812 530 28832**	Verschluss eco
754 2	**4812 530 28829**	Flansch eco
760 0	**4812 480 58085**	Filter Set Pumpe
781 0	**4819 530 28847**	Ablaufschlauch
782 0	**4812 530 28827**	Schlauch Niveauschalter
787 0	**4812 530 28813**	Schlauch,Entl.
787 2	**4819 401 18868**	Schlauchschelle 26,8 mm
794 5	**4812 530 58095**	Dichtung Luftkammer
900 0	**4812 255 18204**	Halter Ablaufschlauch
900 1	**4812 290 88049**	Halterung Tuerverriegelung
900 2	**4812 290 88046**	Kabelfuehrung
900 3	**4812 290 88048**	Kabelfuehrung
900 4	**4819 401 18872**	Schlauchschelle Pumpe/Ablauf
900 5	**4819 401 18529**	Schlauchschelle Bottich unten
900 6	**4812 401 18444**	Traeger Heizelement
900 7	**4812 256 98031**	Halter Niveauschalter
900 8	**4819 401 18823**	Klemme

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Pos-Nr.	12NC	Beschreibung
901 3	**4812 401 18414**	Schlauchschelle
910 0	**4812 502 18383**	Schraube Torx T40 M 8X 25
910 5	**4812 903 08014**	Schraube M5x12
930 0	**4819 492 38139**	Feder Aufhaengung
941 0	**4812 520 28004**	Kugellager 6206
941 1	**4812 520 28072**	Kugellager 6303
953 0	**4812 530 58099**	Wellendichtring 1200
961 0	**4819 532 68829**	Distanzstueck 44, 50, 58 l
965 0	**4812 466 68545**	Abdeckung BK/WH
993 0	**4819 530 29028**	Einhaengebogen
993 3	**4812 395 58004**	Werkzeug

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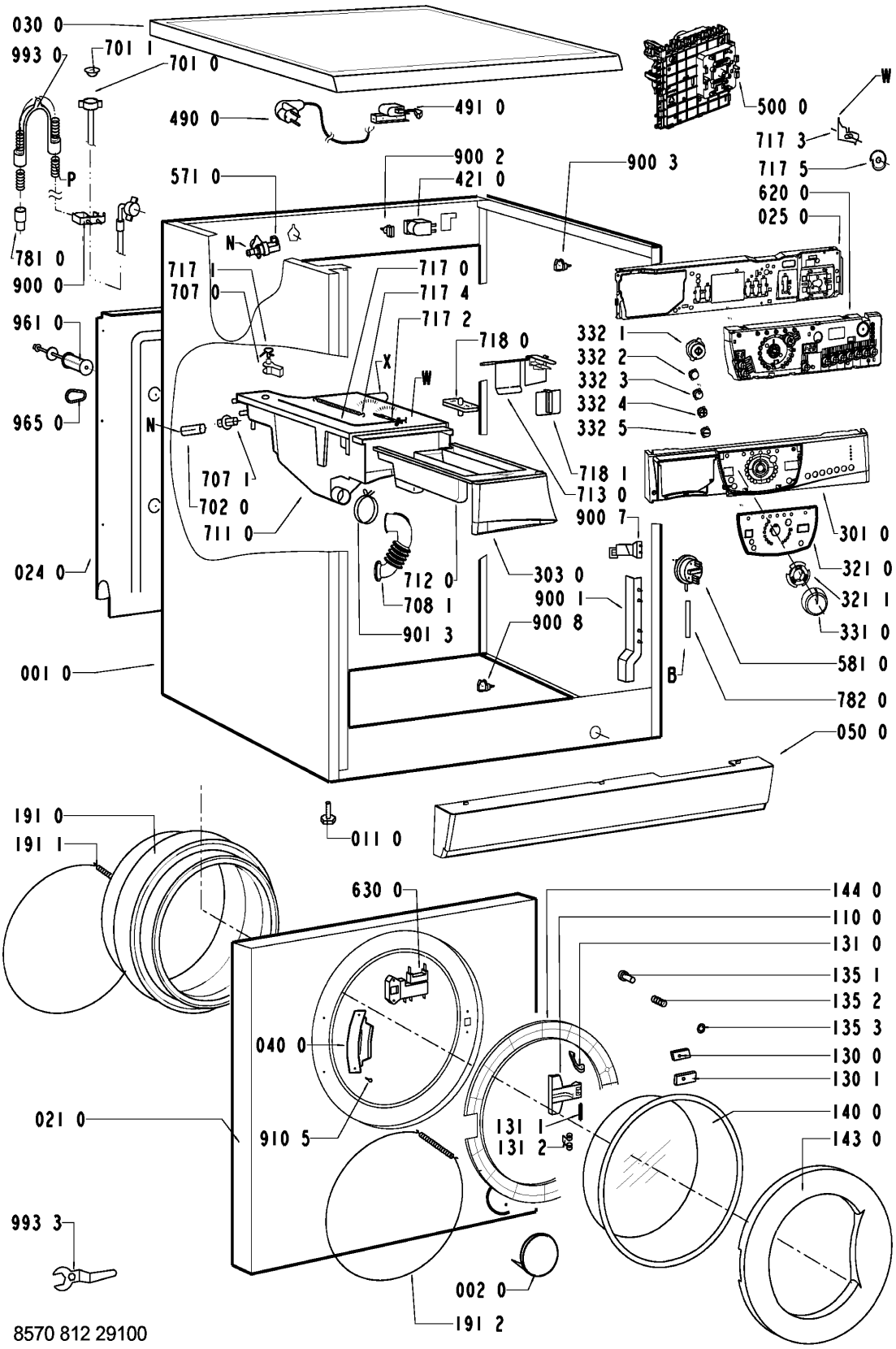
Explosionszeichnung



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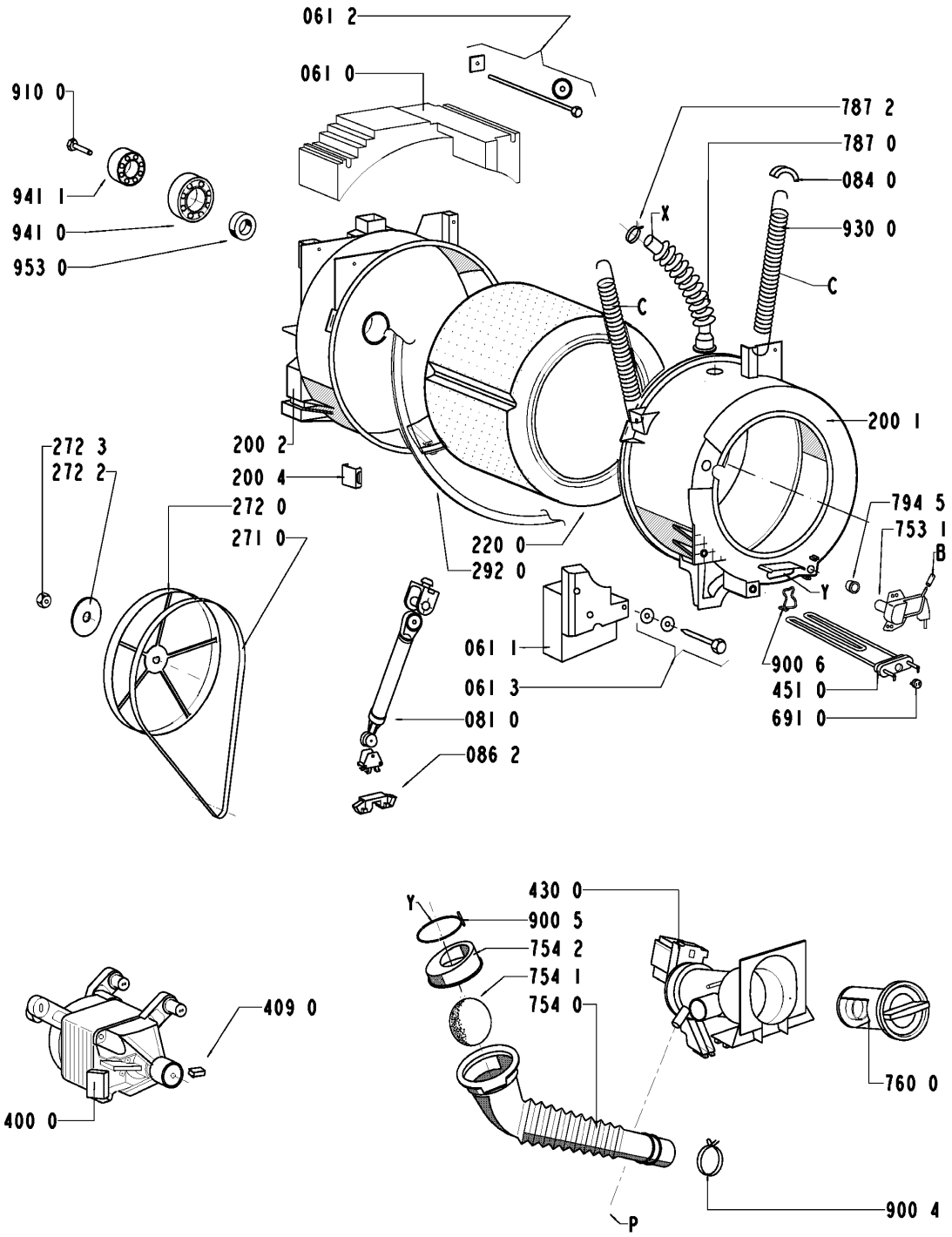
Explosionszeichnung



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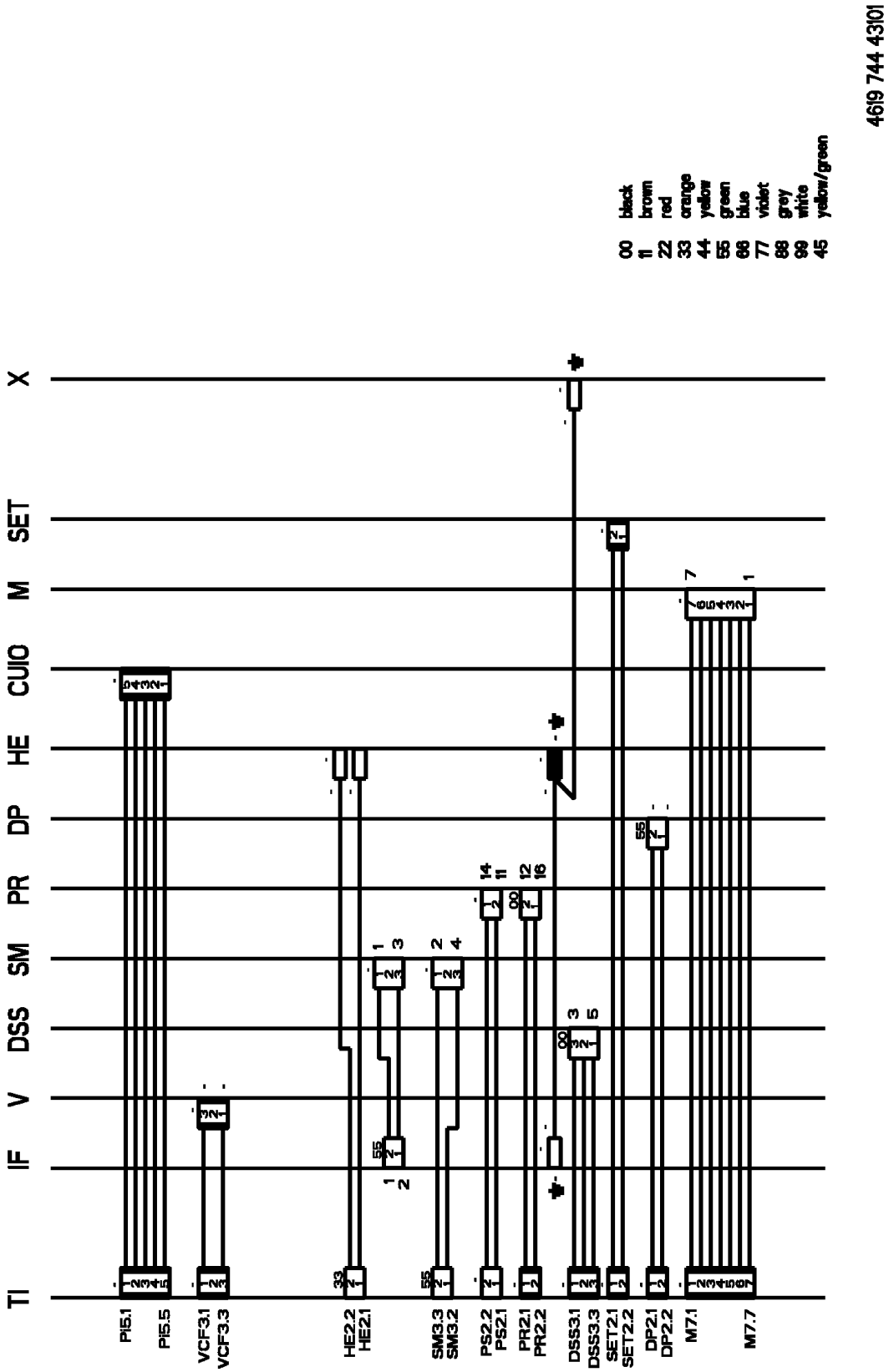
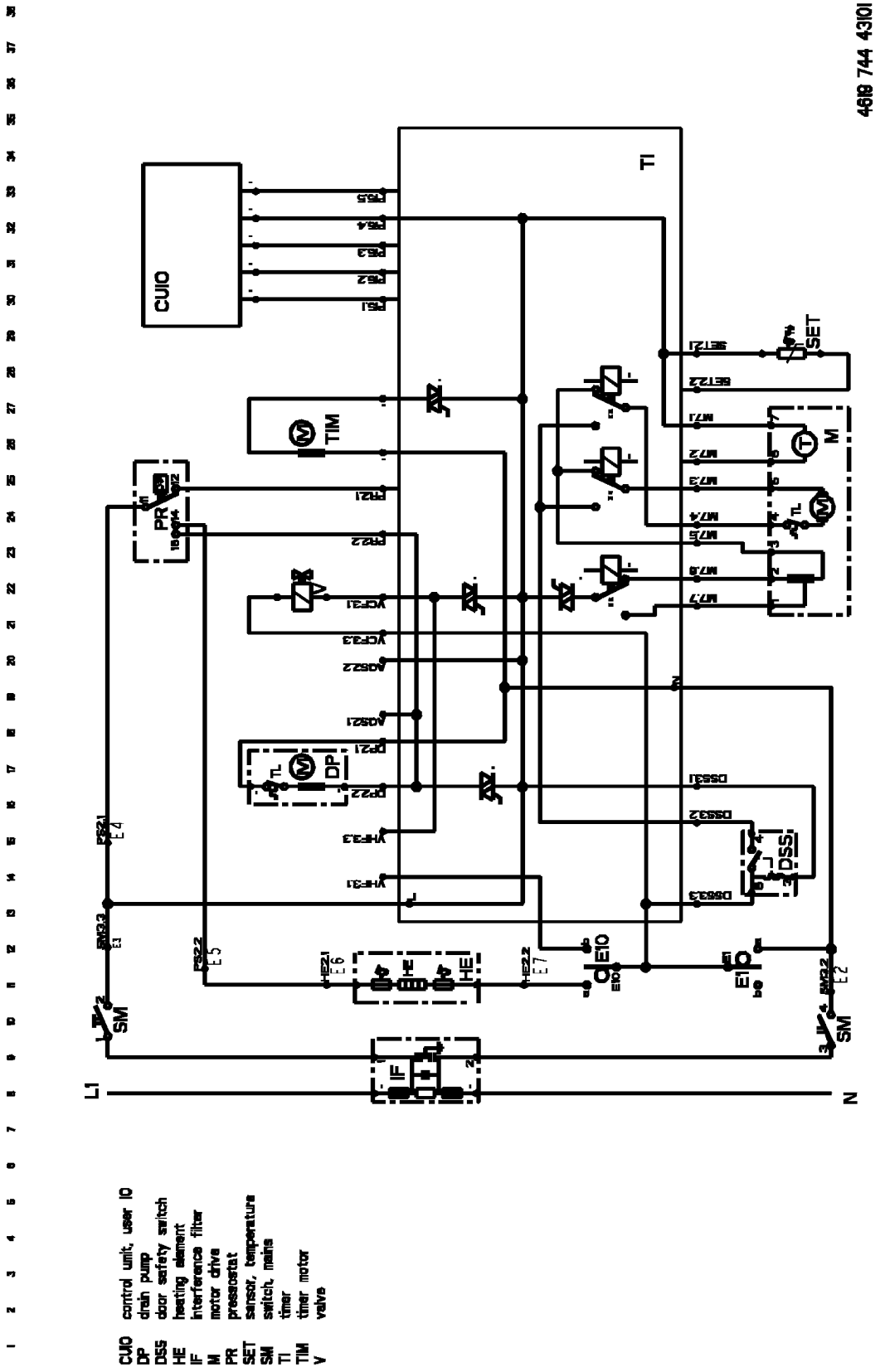
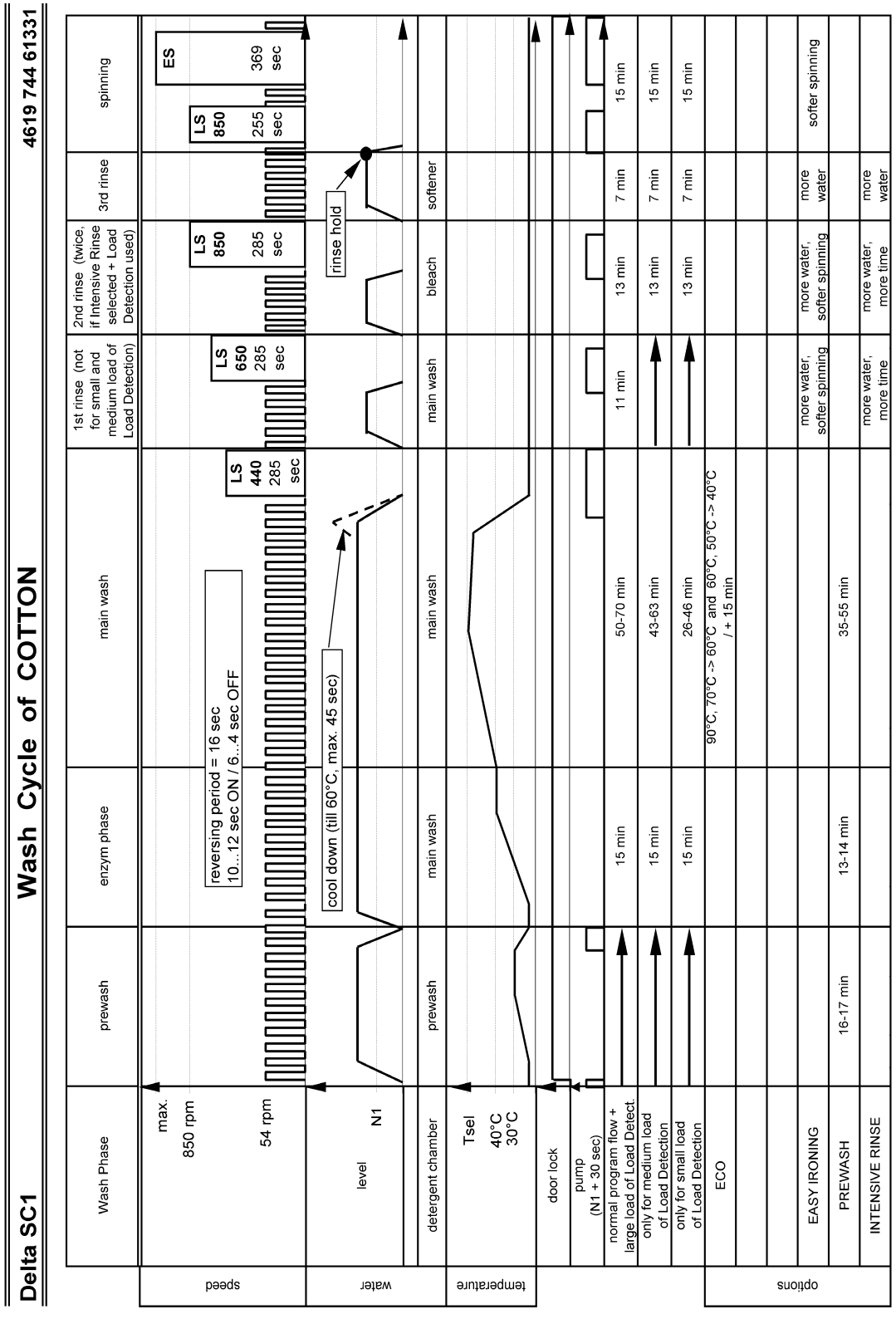
Anschlußplan



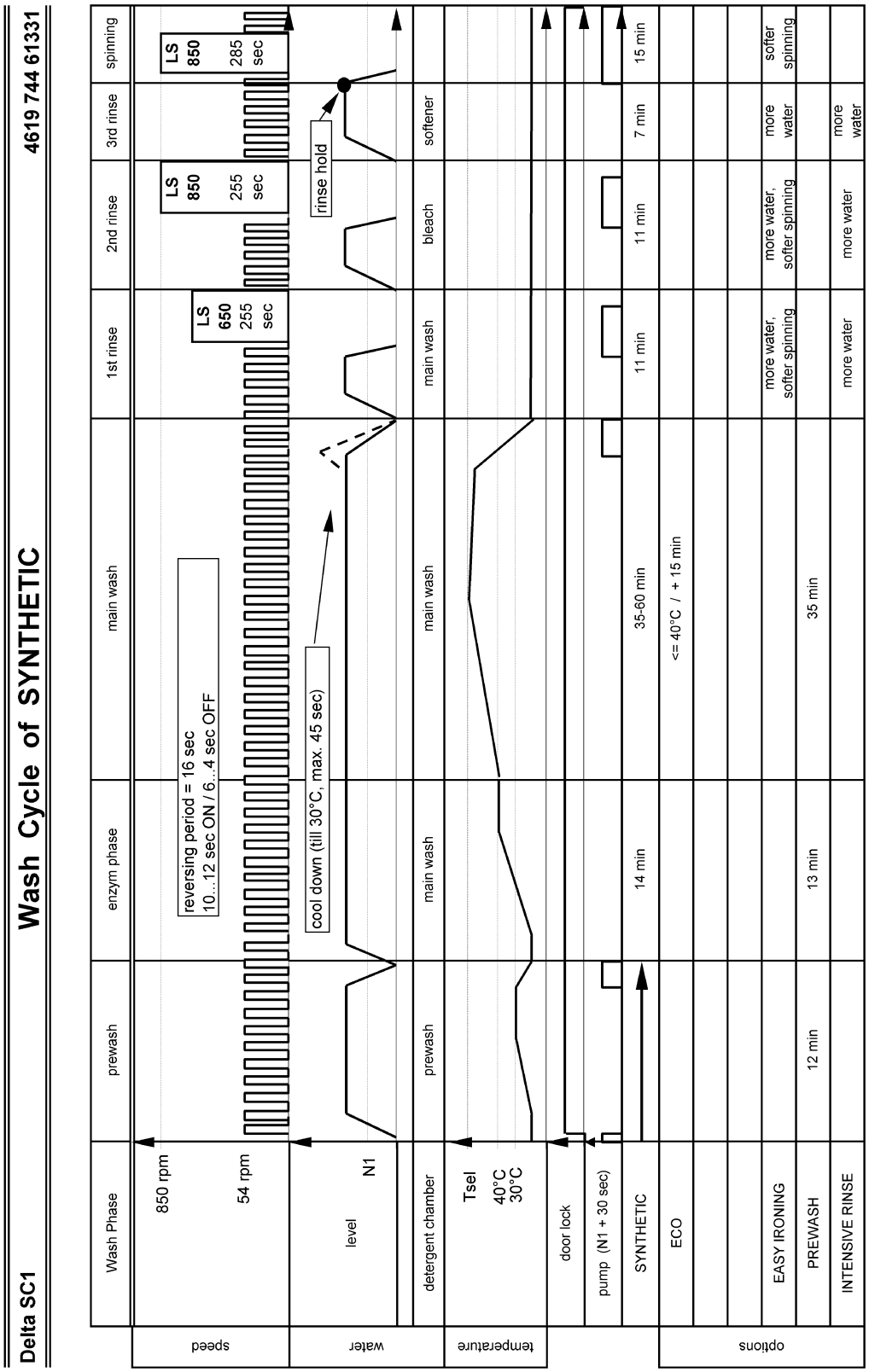
Stromlaufplan



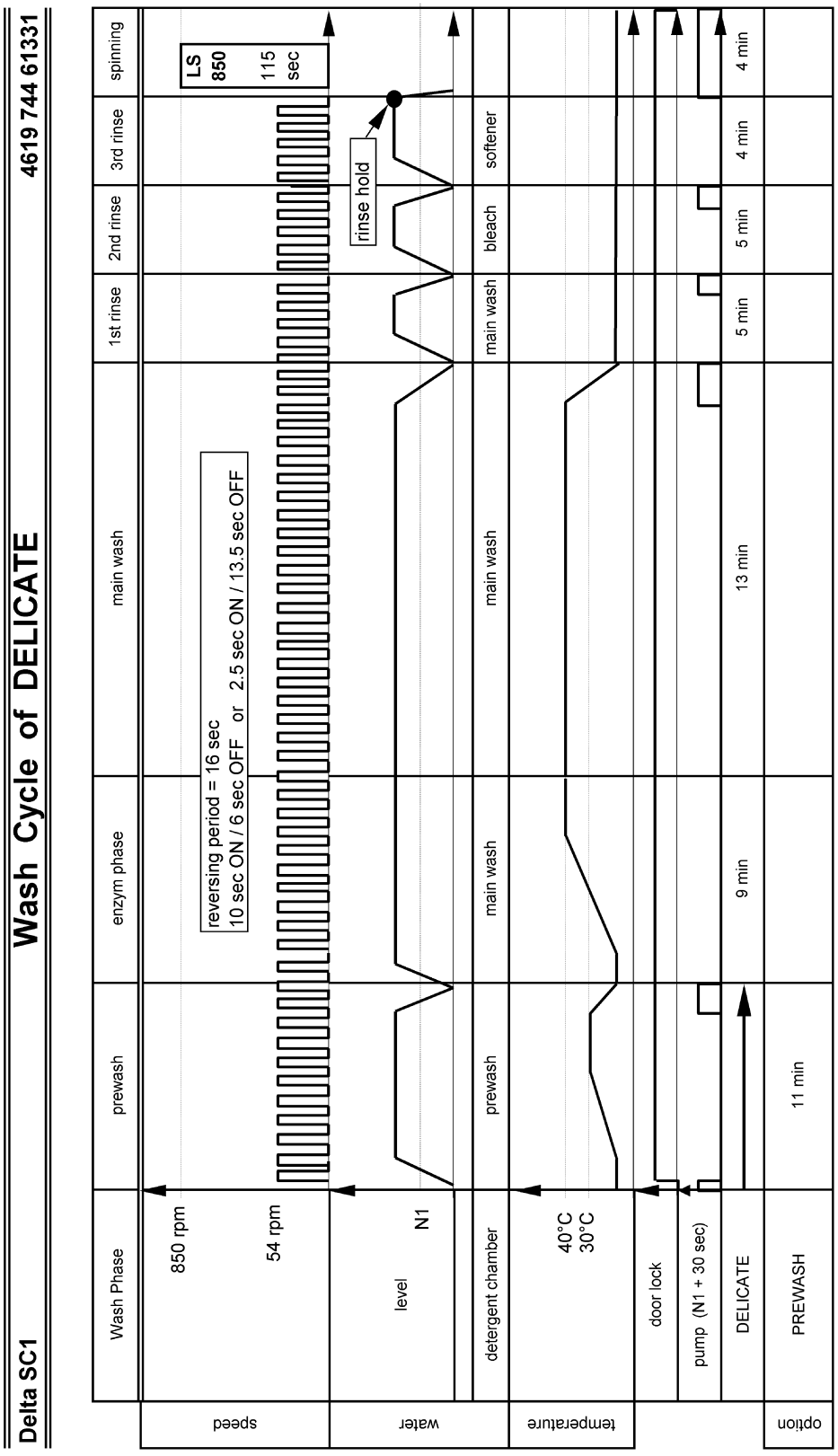
Programmablaufplan



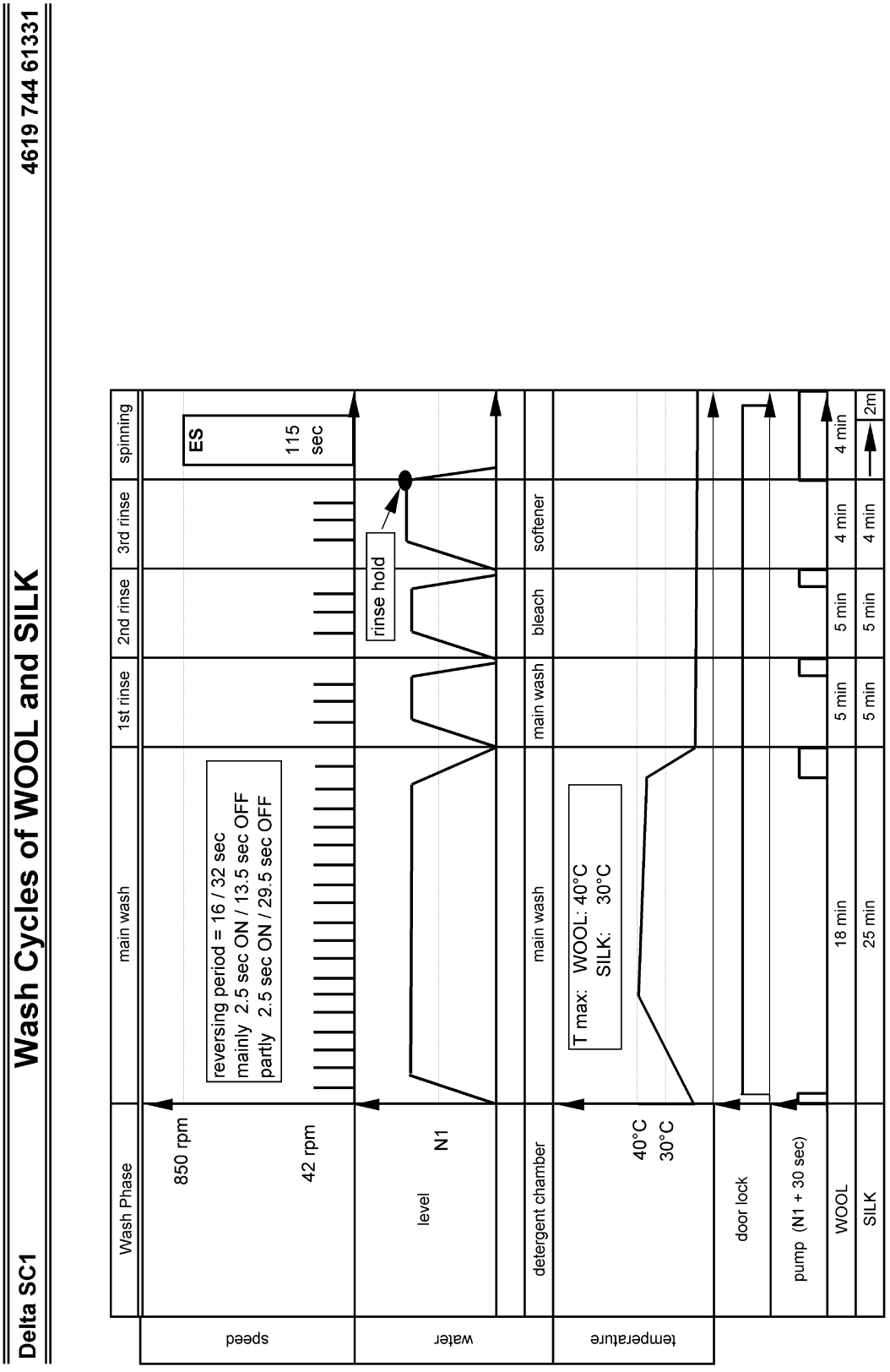
Programmablaufplan



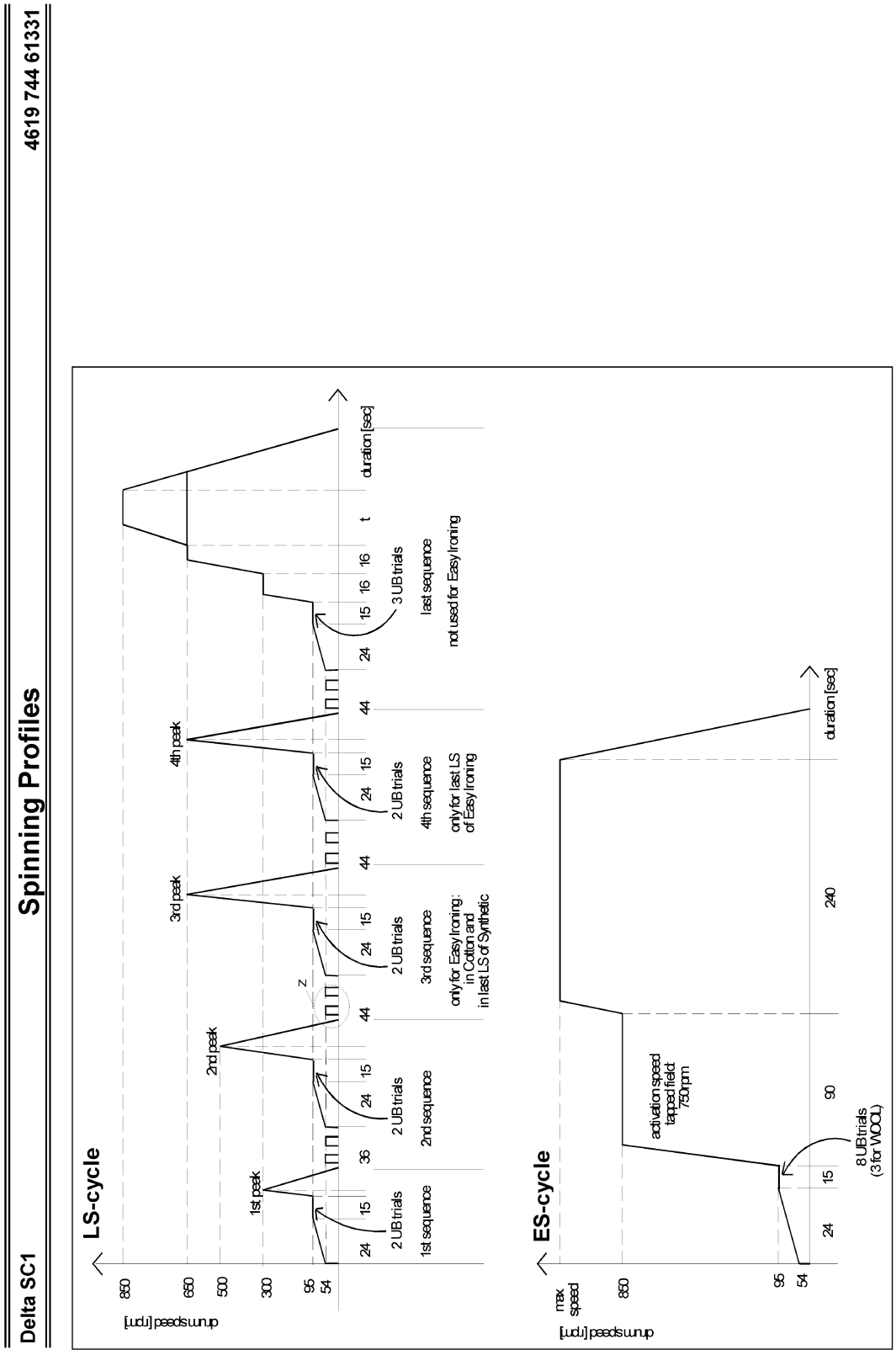
Programmablaufplan



Programmablaufplan



Programmablaufplan



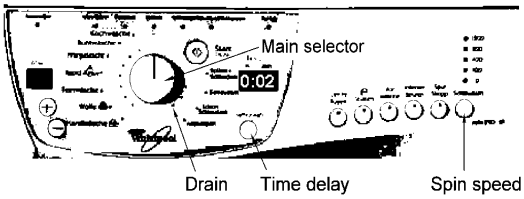
Text /Legende

Whirlpool SC1 VBL Version A and B test flow

1. **Attention : Use test program without laundry !!**

2. **Selecting the program :**

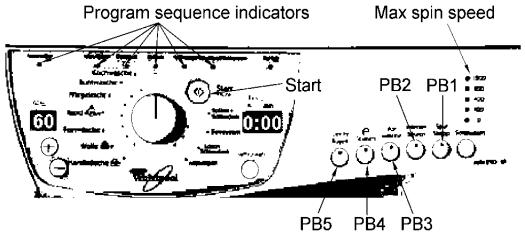
Select the Drain program by turning the main selector. Wait until the display shows 0:02 and till the pump has stopped



3. **Start of test program :**

Press PB1 twice, then PB2 twice and then the start button.

Indication of entering the test program:
- temperature display = 60°C
- delay start display = 0:00
- speed LED max = ON
- LED of PB1 and PB2 = ON



4. **Stopping the test program :** Stop by moving the main selector into any other position.
- note - no stop of test program by main interruption.

Testprogram for Whirlpool SC 1 timer VBL version A or B (Central program selector).

Position of timer	Program sequence LED´s: Pre-wash	Main-wash	Rinse	Rinse hold	Spin-ning	Aqua-stop	Detergent box	Inlet / Outlet	Max temp.	Duration (" = sec) (' = min)	Movement of drum	Advance condition	Advance by option button (Press slowly twice)	Checking
-	X	X	X	X	X		-				no movement	▼	PB 3	PB 1, PB 2
6	X	X	X	X	X	X	pre wash	fill		60"	no movement		PB 3	PB 3
8								(hot) fill	hot fill	60"	no movement		PB 4 **, PB 1	PB 4, mainwash fill, hot fill N1
16		X	X	X	X		main wash	fill		6'	gentle wash	N 1		
18								fill			gentle wash	60"	PB 1	
20								(fill)	90°C	55'	gentle wash	till 90°C - time unknown	PB 1	heating, NTC leakage
23			X	X	X		bleach *				turns right	3"		
								fill			turns right	60"	PB 5 ** or PB 1	PB 5, bleach fill
27							softener	fill			turns left	60"	PB 6 ** or PB 1	PB6, softener fill
28				X	X		-	pump		6'	gentle wash	N 1	PB 1	pump, N1
29					X		-	pump			0 - 95 rpm	4", N 1		pump
							-	pump			select. Speed	300", N 1	PB 1	motor - spinning
5							-			-	no movement	∞		

**** if PB 4 / PB 5 / PB 6 are present they must be used to advance to next step - if not present - use PB1 instead.**

* 4 chamber detergent dispenser "bleach compartment"
3 chamber detergent dispenser "main wash" compartment

Reaction to failure: Timer SC1 goes into safety routine
- drain to level 1+30 sec. (time out for draining = 6 minutes)
- stop motor (relais in safety position)
- stop valve
- go out of heating step, if time out is reached

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Text /Legende

Table of failures:

Failure Identifier	Indication	Detected failure	To be checked
1	FH	No water inlet	Water Tap / Valve / Flowmeter / Pressostat
2	FA	Aquastop failure	Aquastop switch
3	FP	Drain failure	Drain pump / Pressostat
4		***Not active***	
5	F05	NTC failure (SC / OC)	NTC
6	F06	Tachometer failure (no motor movement detected)	Motor / Tachometer
7	F07	Triac short circuit detection	Control unit, Motor
8		***Not active***	
9	F09	Overflow failure	Pressostat
10		***Not active***	
11	F11	Communication failure	Control unit, I2C bus
12		***Not active***	
13		***Not active***	
14	F14	EEPROM failure	Control unit
15		***Not active***	
16	F16	Control failure	Control unit
17		***Not active***	
18	F18	Control failure	Control unit
19		***Not active***	
20	F20	Control failure	Control unit
21	F21	Control failure	Control unit

Display of failures on the speed LED's (flashing):

Errors	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	F:H	F:A	F:P	F:4	F:5	F:6	F:7	F:8	F:9	F:10	F:11	F:12	F:13	F:14	F:15
Speed Leds	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	○	○	○	○	○	○	○	○	●	○	●	○	○	●	○
	○	○	○	○	●	●	●	○	○	○	○	○	○	●	○
	○	●	●	○	○	●	●	○	○	○	●	○	○	●	○
	●	○	●	○	●	○	●	○	●	○	●	○	○	○	○

Errors	16	17	18	19	20	21
	F:16	F:17	F:18	F:19	F:20	F:21
Speed Leds	●	○	●	○	●	●
	○	○	○	○	○	○
	○	○	○	○	●	●
	○	○	●	○	○	○
	○	○	○	○	○	●

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Text /Legende